1600 H15

CR Errors Corrected by th STIC Sy ms Branch

CRF Processing Dat : 10/29/2002
Edited by:
Verified by: (STIC staff)

Serial Number: 09/836,073 ENTERED

☐ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐ Edited a format error in the Current Application Data section, specifically: #11 / R.T. 11/5 Raw Seq. listing entered

☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:

☐ Deleted extra, invalid, headings used by an applicant, specifically:

☑ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____.

☐ Inserted mandatory headings, specifically:

☐ Corrected an obvious error in the response, specifically:

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☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically:

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted ***ending*** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☐ Other:

***Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT s nd a copy of this form.**

3/1/95

1600

RAW SEQUENCE LISTING DATE: 10/29/2002
PATENT APPLICATION: **US/09/836,073** TIME: 19:01:38

Input Set : **N:\Crf4\10242002\I836073.raw.txt**
Output Set: **N:\CRF4\10292002\I836073.raw**

```
 1 <110> APPLICANT: Dasgupta, Asim
 2       Das, S.
 3       Baidya, Narayan
 4 <120> TITLE OF INVENTION: METHODS TO INHIBIT VIRAL REPLICATION
 5 <130> FILE REFERENCE: 220002054822
 6 <140> CURRENT APPLICATION NUMBER: US/09/836,073
 7 <141> CURRENT FILING DATE: 2002-10-24
 8 <150> PRIOR APPLICATION NUMBER: 09/316,630
 9 <151> PRIOR FILING DATE: 1999-05-21
10 <160> NUMBER OF SEQ ID NOS: 19
11 <170> SOFTWARE: FastSEQ for Windows Version 4.0
13 <210> SEQ ID NO: 1
14 <211> LENGTH: 18
15 <212> TYPE: PRT
16 <213> ORGANISM: Homo Sapiens
17 <400> SEQUENCE: 1
18       Ala Ala Leu Glu Ala Lys Ile Cys His Gln Ile Glu Tyr Tyr Phe Gly
19        1               5                  10                  15
20       Asp Phe
22 <210> SEQ ID NO: 2
23 <211> LENGTH: 18
24 <212> TYPE: PRT
25 <213> ORGANISM: Homo Sapiens
26 <400> SEQUENCE: 2
27       Ala Ala Leu Glu Ala Gln Ile Cys Gln Gln Ile Glu Tyr Tyr Phe Gly
28        1               5                  10                  15
29       Asp Phe
31 <210> SEQ ID NO: 3
32 <211> LENGTH: 18
33 <212> TYPE: PRT
34 <213> ORGANISM: Homo Sapiens
35 <400> SEQUENCE: 3
36       Ala Ala Leu Gln Ala Lys Ile Cys His Gln Ile Gln Tyr Tyr Phe Gly
37        1               5                  10                  15
38       Gln Phe
40 <210> SEQ ID NO: 4
41 <211> LENGTH: 18
42 <212> TYPE: PRT
43 <213> ORGANISM: Homo Sapiens
44 <400> SEQUENCE: 4
45       Gln Gln Gln Glu Ala Lys Ile Cys His Gln Ile Glu Tyr Tyr Phe Gly
46        1               5                  10                  15
47       Asp Phe
```

RAW SEQUENCE LISTING DATE: 10/29/2002
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Input Set : N:\Crf4\10242002\I836073.raw.txt
Output Set: N:\CRF4\10292002\I836073.raw

<210> SEQ ID NO: 5
<211> LENGTH: 18
<212> TYPE: PRT
<213> ORGANISM: Homo Sapiens
<400> SEQUENCE: 5
Gln Gln Gln Glu Gln Lys Gln Cys His Gln Ile Glu Tyr Tyr Phe Gly
1 5 10 15
Asp Phe
<210> SEQ ID NO: 6
<211> LENGTH: 18
<212> TYPE: PRT
<213> ORGANISM: Homo Sapiens
<400> SEQUENCE: 6
Ala Ala Leu Glu Ala Lys Ile Cys His Gln Ile Glu Gln Gln Gln Gly
1 5 10 15
Asp Gln
<210> SEQ ID NO: 7
<211> LENGTH: 18
<212> TYPE: PRT
<213> ORGANISM: Homo Sapiens
<400> SEQUENCE: 7
Ala Ala Leu Glu Ala Lys Ile Cys His Gln Ile Glu Tyr Tyr Gln Gly
1 5 10 15
Asp Gln
<210> SEQ ID NO: 8
<211> LENGTH: 18
<212> TYPE: PRT
<213> ORGANISM: Homo Sapiens
<400> SEQUENCE: 8
Ala Ala Leu Glu Ala Lys Ile Cys His Gln Ile Glu Gln Gln Phe Gly
1 5 10 15
Asp Phe
<210> SEQ ID NO: 9
<211> LENGTH: 18
<212> TYPE: PRT
<213> ORGANISM: Homo Sapiens
<400> SEQUENCE: 9
Ala Ala Leu Glu Ala Lys Ile Cys His Gln Ile Glu Tyr Tyr Phe Gly
1 5 10 15
Asp Gln
<210> SEQ ID NO: 10
<211> LENGTH: 18
<212> TYPE: PRT
<213> ORGANISM: Homo Sapiens
<400> SEQUENCE: 10
Ala Ala Leu Glu Ala Lys Ile Cys His Gln Ile Glu Tyr Tyr Gln Gly
1 5 10 15
Asp Phe
<210> SEQ ID NO: 11

RAW SEQUENCE LISTING DATE: 10/29/2002
PATENT APPLICATION: US/09/836,073 TIME: 19:01:38

Input Set : N:\Crf4\10242002\I836073.raw.txt
Output Set: N:\CRF4\10292002\I836073.raw

104 <211> LENGTH: 18
105 <212> TYPE: PRT
106 <213> ORGANISM: Homo Sapiens
107 <400> SEQUENCE: 11
108 Ala Ala Leu Glu Ala Lys Ile Cys His Gln Ile Glu Gln Tyr Phe Gly
109 1 5 10 15
110 Asp Phe
112 <210> SEQ ID NO: 12
113 <211> LENGTH: 18
114 <212> TYPE: PRT
115 <213> ORGANISM: Homo Sapiens
116 <400> SEQUENCE: 12
117 Ala Ala Leu Glu Ala Lys Ile Cys His Gln Ile Glu Tyr Gln Phe Gly
118 1 5 10 15
119 Asp Phe
121 <210> SEQ ID NO: 13
122 <211> LENGTH: 17
123 <212> TYPE: PRT
124 <213> ORGANISM: Mouse
125 <400> SEQUENCE: 13
126 Ala Leu Glu Ala Lys Ile Cys His Gln Ile Glu Tyr Tyr Phe Gly Asp
127 1 5 10 15
128 Phe
130 <210> SEQ ID NO: 14
131 <211> LENGTH: 18
132 <212> TYPE: PRT
133 <213> ORGANISM: Bovine
134 <400> SEQUENCE: 14
135 Ala Ala Leu Glu Ala Lys Ile Cys His Gln Ile Glu Tyr Tyr Phe Gly
136 1 5 10 15
137 Asp Phe
139 <210> SEQ ID NO: 15
140 <211> LENGTH: 18
141 <212> TYPE: PRT
142 <213> ORGANISM: Xenopus
143 <400> SEQUENCE: 15
144 Leu Asp Leu Asp Thr Lys Ile Cys Glu Gln Ile Glu Tyr Tyr Phe Gly
145 1 5 10 15
146 Asp Phe
148 <210> SEQ ID NO: 16
149 <211> LENGTH: 19
150 <212> TYPE: PRT
151 <213> ORGANISM: Rat
152 <400> SEQUENCE: 16
153 Ala Ala Leu Glu Ala Lys Ile Cys His Gln Ile Glu Glu Tyr Tyr Phe
154 1 5 10 15
155 Gly Asp Phe
157 <210> SEQ ID NO: 17
158 <211> LENGTH: 18

RAW SEQUENCE LISTING DATE: 10/29/2002
PATENT APPLICATION: US/09/836,073 TIME: 19:01:38

Input Set : N:\Crf4\10242002\I836073.raw.txt
Output Set: N:\CRF4\10292002\I836073.raw

159 <212> TYPE: PRT
160 <213> ORGANISM: C. elegans
161 <400> SEQUENCE: 17
162 Asp Asp Ala Asp Gln Arg Ile Ile Lys Gln Leu Glu Tyr Tyr Phe Gly
163 1 5 10 15
164 Asn Ile
166 <210> SEQ ID NO: 18
167 <211> LENGTH: 18
168 <212> TYPE: PRT
169 <213> ORGANISM: Mosquito
170 <400> SEQUENCE: 18
171 Val Ser Lys Leu Glu Ala Ser Thr Ile Arg Gln Glu Tyr Tyr Phe Gly
172 1 5 10 15
173 Asp Ala
175 <210> SEQ ID NO: 19
176 <211> LENGTH: 16
177 <212> TYPE: PRT
178 <213> ORGANISM: Drosophila
179 <400> SEQUENCE: 19
180 Gln Glu Arg Ala Ile Ile Arg Gln Val Glu Tyr Tyr Phe Gly Asp Phe
181 1 5 10 15

VERIFICATION SUMMARY DATE: 10/29/2002
PATENT APPLICATION: **US/09/836,073** TIME: 19:01:39

Input Set : **N:\Crf4\10242002\I836073.raw.txt**
Output Set: **N:\CRF4\10292002\I836073.raw**